Work Ord April-30-13 2:3	er ID 101013 38:17 PM		Page 1						
Item ID: Revision ID:	D4034-3		Accept	*N900	<b>0401</b>	<b>೧೧</b> * <sup>s</sup>	Setup Star Stop	14.21	
item Name: Start Date: Required Date: Reference:	Rib 5/06/13 Start Qty: 4.00 : 5/06/13 Req'd Qty: 4.00	*4*(8)	$\langle \rangle$	Cust Item I Customer:	D:			INO	
Approvals:	Process Plan: MUJ  QC:	•	Tooling: SPC (Y/N):	Da Da	. <u> </u>		Start *NR1* Stop *NR2*		
Sequence ID/ Work Center I	Operation D Description		Set Up/ Run Hours	Tool ĮD	Tool# Pl	an Accept ode Qty	Reject Qty	Reject Insp. Number Stamp	
Draw Nbr D4034	Revision Nbr								
100 *100* Large Fab	Memo		0.00			(8x)	CC	13-6-12	
Large Fab		as per dwg D4034 chamfer holes as per dwg us	e DT9715						
110	QC6- Inspect dimension	s to drawing	0.00	•		_		540	
*110* QC Quality Control	Memo		0.00				13-06		
¹²⁰ *120*	Identify as per dwg & S	cock Location: WA 4	0.00	Cp(13.	/a. 17	(4)	)		
Packaging Packaging	Memo		0.00	715.0					

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										DQA:	Date:			
NCR: Y	es / No				WORK ORDER NON-	COI	NFORM	MANCE / UPDATE		QA Closed:	Date:			
· · ·				· · · · · · · · · · · · · · · · · · ·	DISPOSITION AGAIN					NST DEPARTMENT/PROCESS				
Work Orde	er:				DIST 05111010		<b>.</b>	_	., , , , , , , , , , , , , , , , , , ,	Water Jet				
Part N NCR N		-1			Rework Skid-tube Crosstube  Scrap Machining Small Fab  Use-as-is Thermoforming Finishing  Work Order Update Large Fab Composite			ab ing	Pro Rec/Sto	Engineering Quality Other				
		,				_		- Ш						
Root		1	ļ ļ		ption of work order update		Initial	Action		Sign &				
Cause	Date	Step	Qty	(	or Non-conformance	Ch	nief Eng	Description		Date	Verification	QC Inspector		
Doc/Data			1											
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved		1												
			-		F	AUL	T CATE	GORY						
Landir	ng Gear				General		-			_	<b></b> -	7		
	Bending				Bend	L	Grain			Ovalized	<u></u>	Pressure/Forced		
	Centre 1	ntric to (	o/s	BOM/Route		Hardwa	re	L	Over/Under	tolerance	Temperature/Cure			
٠.	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorred	ct	Weld		
•	Crushed	/Crimped			Burrs		Instruct	ions Incomplete/Unclear	L	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs	<del></del>						nance		Part Moved		,		
	Heat Tre	eat			Countersink		Mislabe	led		Positioned V	Vrong			
	Inspecti	on Strip ir	Tube		Cut Too Short		Misread	1		Power Loss/	Other			
	Ripples in Bend Drill Holes							• •						

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

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Work Ord		01013	*101013*								Page 2		
Item ID: Revision ID: Item Name:	D4034-3			Accept	*N900	ი4ი	100	)*	Setup	Start Stop	14.71		
Start Date: Required Date Reference:	5/06/13 <b>e:</b> 5/06/13	Start Qty: 4.00 Req'd Qty: 4.00	*4*` *4*		Cust Item I Customer:	D:							
Approvals:	Process P	lan:	Date:	Tooling: SPC (Y/N):	Date:			Run	Start Stop	"NRT"	t k		
Sequence ID/ Work Center 130 *130* QC Quality Control	ID	Operation Description QC21- Final Inspection  Memo	- Work Order Release	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt	y 	Reject Insp. Number Stamp  3/6/19  MF	<u> </u>	

									DQA:	Date	:: <u>~</u>	
NCR: Y	es / No				WORK ORDER NON-C	CONF	ORN	MANCE / UPDATE				
. <del> </del>									QA Closed:	Date	<b>:</b>	
Work Orde	r.				DISPOSITION			AGAINST D	EPARTMENT	/PROCESS	•	
WOIR OIGE	· ·				Rework	7 I		Skid-tube Crosstube	7	Water Jet	Engineering	
Part N	lo.				Scrap	1		Machining Small Fab	Pro	d. Eng. Coor.	Quality	
					Use-as-is	] <b> </b> T	herm	oforming Finishing	Rec/Sto	re/Packaging	Other	
NCR N	o	· · · · · · · · · · · · · · · · · · ·		<del></del>	Work Order Update	]		Large Fab Composite		Supplier		
Root	T	1		Descri	liption of work order update	Init	ial	Action	Sign &		T	
Cause	Date	Step	Qty		or Non-conformance	Chief		Description	Date	Verification	QC Inspector	
Doc/Data				·								
Equip/Tooling		'			•							
Operator					•		l					
Material							i					
Setup		*										
Other					·							
Process	_								· ·		•	
Supplier	_								ļ			
Training	_						- {					
Unapproved		<u> </u>				<u> </u>						
					<del></del>	AULT C	ATE	GORY				
Landir	ng Gear			_	General		_		<b></b>		٦	
	Bending			<u> </u>	Bend	$\mathbf{H}$	ain	· · · -	Ovalized	_	Pressure/Forced	
Cracks II				o/s	BOM/Route	$\boldsymbol{\vdash}$	rdwa		Over/Under	<del> </del>	Temperature/Cure	
				Broken/Damaged	—	-	on Incomplete	Part Incorre	<b>⊢</b>	Weld		
				Burrs	<del></del>		ions Incomplete/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled		
					Contamination			nance	Part Moved			
	Heat Tre				Countersink	_	slabe	<del> -</del>	Positioned V	_	¬	
		on Strip in	Tube		Cut Too Short	$\vdash$	sread	· <u> </u>	Power Loss/	Surge	Other	
	Ripples i			.  _	Drill Holes	$\mathbf{H}^{-}$	fset			-		
		Naves in		n L	Drawing	<b></b>		Calibration				
		Sequence		<u> </u>	Finish	-		equence			·	
	Wave/T	wist in Tul	be		Folio	Ou	Outside Dimensions					

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**Picklist Print** Page 1 April-30-13 2:38:17 PM Work Order ID: 101013 Parent Item: D4034-3 **Start Date: 5/06/13** Required Date: 5/06/13 Parent Item Name: Rib Start Qty: 4.00 Required Qty: 4.00 **Comments:** IPP RevA: new issue DD 09.11.23 verified by:EC IPP Rev:B as per dwg revA 10.03.15 IPP Rev:C 11.01.18 chg qc5 to 6 DD verf:EC verified by:EC IPP Rev:D 11.01.19 AS PER DWG REV.B DD VERF:EC Qty per Kit Total Component Item ID/ Replacement Mfg/ Unit of Qty on Last Qty Date Status Bin Primary Route Item Name Item ID Location Seq ID Measure Hand Item Location Issued Issued Purch Qty M304TS0.750W.049 100 No 743.6758 1.4375 6.0526316 Purchased 13-6-12 304 SQ Tube .75x.75x.049W Location Loc Oty Loc Code 113.6758 MAT017 113.6758 124492 629.9999555

> 29.9999555 600

WA006

											DQA:	Date:		
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPD		QA Closed:	Date:		
Work Orde						DISPOSITION	AGAINST DEPARTMENT/PROCESS							
Part No						Scrap Machining Small Fall Use-as-is Thermoforming Finishin			Crosstube Small Fab Finishing Composite	Pro Rec/Sto	Engineering Quality Other			
Root					Descri	ption of work order update		Initial	Actio	on	Sign, &			
Cause		Date	Step	Qty		or Non-conformance	Cr	nief Eng	Descri	ption	Date	Verification	QC Inspector	
Doc/Data	П					<del>-</del>								
Equip/Tooling	П													
Operator									·					
Material														
Setup														
Other										:				
Process					ļ									
Supplier			]				-							
Training				}										
Unapproved	П					·								
						F	AUI	LT CATE	GORY		·············		· · ·	
Landi	ng G	ear				General		_			-		-	
Bending						Bend		Grain			Ovalized		Pressure/Forced	
		Centre N	ot Conce	ntric to	o/s	BOM/Route		Hardware			Over/Under	tolerance	Temperature/Cure	
		Cracks				Broken/Damaged		Inspection Incomplete			Part Incorred	:t	Weld	
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/U	nclear	Part Lost/Mi	ssing	Wrong Stock Pulled	
		Cuffs				Contamination		Mainte	enance		Part Moved			

Mislabeled

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Countersink

Cut Too Short

Drill Holes Drawing

Finish Folio Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

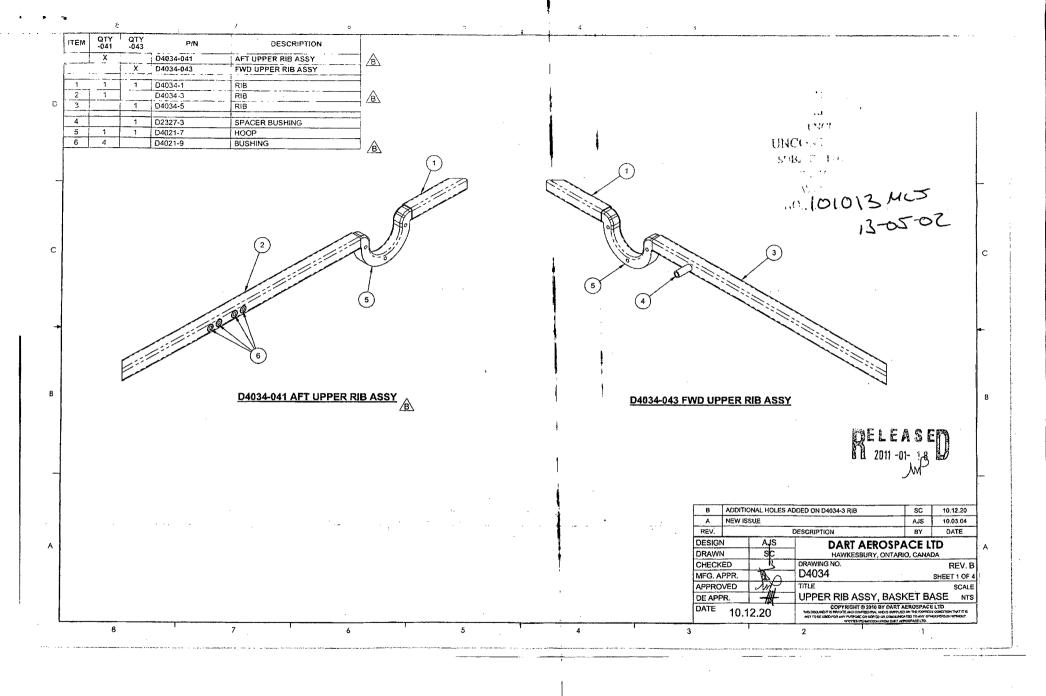
Wave/Twist in Tube

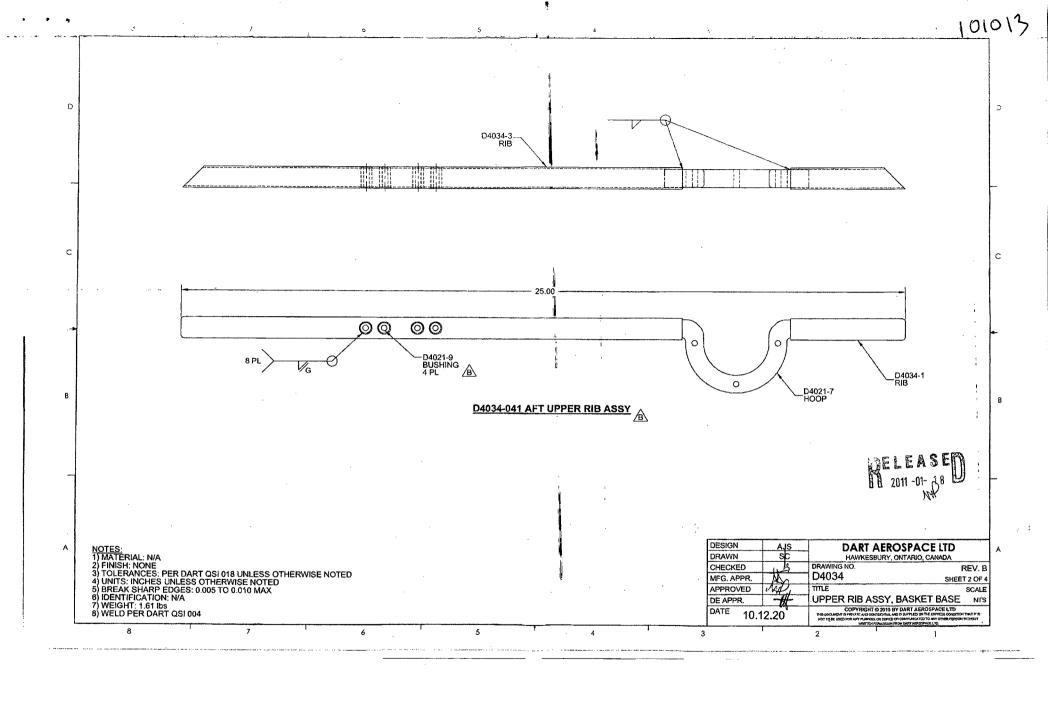
Ripples in Bend

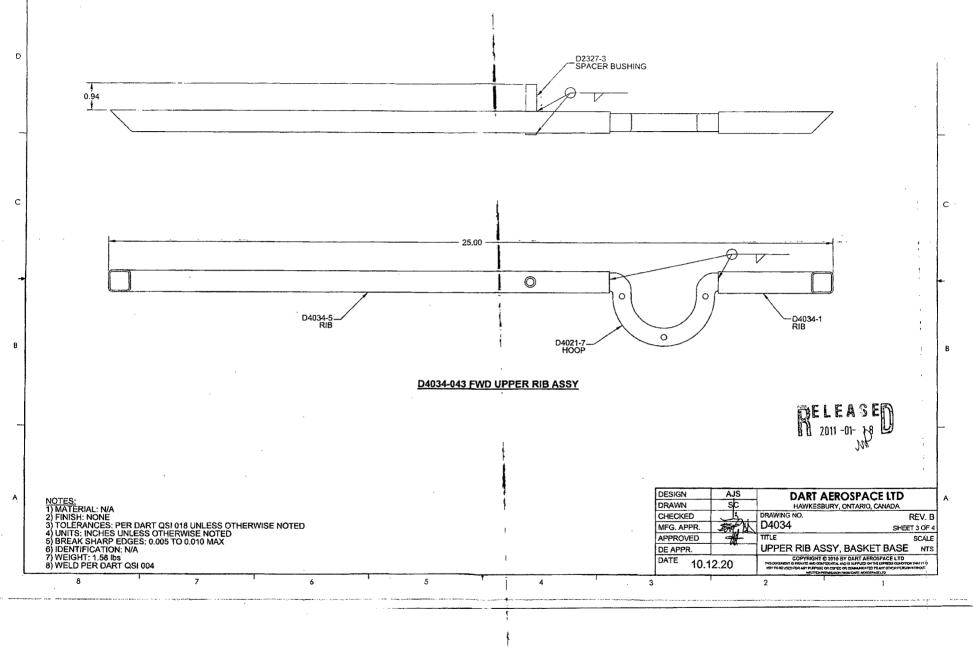
Heat Treat

Inspection Strip in Tube

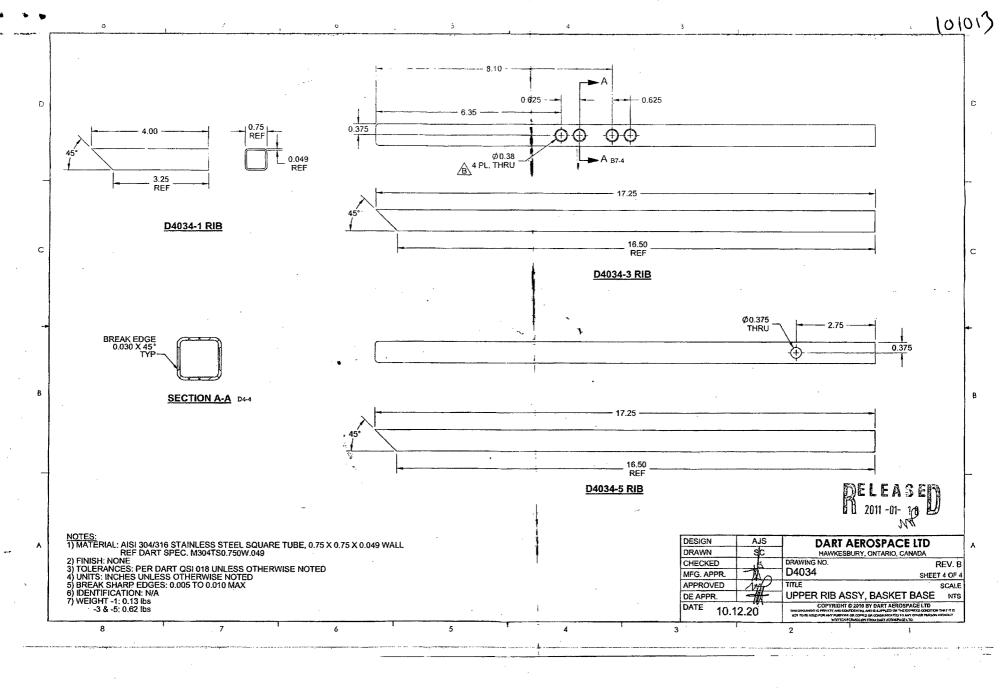
Torque Waves in Extrusion







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